

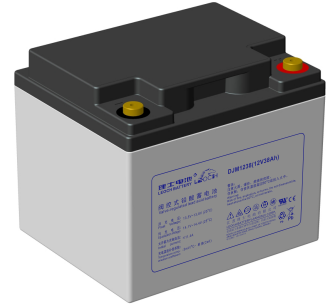


# 常规系列 (General purpose) DJM1238(12V38Ah)

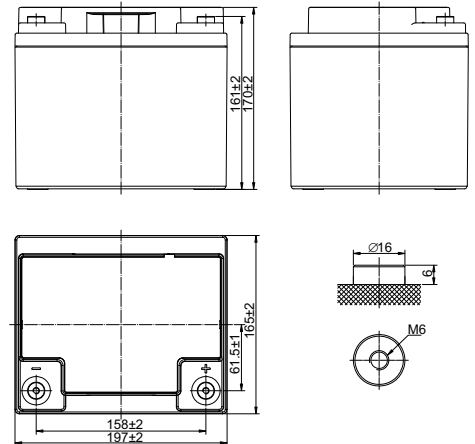


## 规格 Specifications

额定电压 Rated Voltage	12V		
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	38Ah		
尺寸 Dimension	长 Length	197±2mm (7.75 inches)	
	宽 Width	165±2mm (6.50 inches)	
	高 Container Height	170±2mm (6.69 inches)	
	总高(含端子) Total Height	170±2mm (6.69 inches)	
重量 Approx Weight	12.7kg (28.0 lbs)		
端子 Terminal	M6		
外壳材料 Container Material	ABS		
额定容量 Rated Capacity(25°C)	40.2 Ah	C20(2.01A, 1.80V/cell)	
	38.0 Ah	C10(3.80A, 1.80V/cell)	
	33.3 Ah	C5(6.65A, 1.75V/cell)	
	30.3 Ah	C3(10.1A, 1.75V/cell)	
	25.5 Ah	C1(25.5A, 1.60V/cell)	
5S最大放电电流 Max. Discharge Current	380A (5s)		
内阻 Internal Resistance(25°C)	Approx 10mΩ		
运行温度 Operating Temp. Range	放电 Discharge	-20 ~ 55°C (-4 ~ 131°F)	
	充电 Charge	-20 ~ 40°C (-4 ~ 104°F)	
	存储 Storage	-15 ~ 50°C (5 ~ 122°F)	
推荐温度 Nominal Operating Temp. Range	25±5°C (77±5°F)		
最大充电电流 Max. Charging Current(25°C)	11.4A		
充电电压 Charge voltage(25°C)	充电电压 Charge voltage	温度补偿 Temp. Coefficient	
	浮充 Float	2.23~2.27V/cell	-3mV/单格/°C
	均充 Equalization	2.35~2.40V/cell	-4mV/单格/°C
	循环 Cycle	2.40~2.50V/cell	-5mV/单格/°C
温度对容量影响 Effect of temp. to Capacity	40°C (104°F)	103%	
	25°C (77°F)	100%	
	0°C (32°F)	86%	
自放电 Self Discharge	≤3%/月 @ 25°C		



## 外形 Layout



## 恒流放电表(A)25°C Constant Current Discharge

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	79.1	59.0	49.2	41.3	31.8	23.7	20.0	15.0	12.0	9.07	7.22	6.04	5.24	4.26	3.56	1.91
1.80V/cell	92.2	69.6	57.2	47.6	35.9	26.5	22.2	16.4	13.1	9.81	7.79	6.50	5.62	4.56	3.80	2.01
1.75V/cell	100.6	74.7	60.5	50.0	37.5	27.6	23.0	17.0	13.5	10.1	7.98	6.65	5.74	4.64	3.86	2.04
1.70V/cell	109.0	79.6	63.9	52.6	39.2	28.6	23.8	17.6	13.9	10.4	8.18	6.80	5.86	4.73	3.92	2.07
1.67V/cell	113.8	82.5	65.9	54.1	40.2	29.3	24.3	17.9	14.1	10.5	8.29	6.89	5.93	4.77	3.95	2.08
1.60V/cell	125.4	89.3	70.7	57.6	42.4	30.8	25.5	18.7	14.7	10.9	8.57	7.10	6.10	4.89	4.04	2.12

## 恒功率放电表(W/cell) 25°C Constant Power Discharge

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	150.3	113.0	94.5	79.6	61.4	46.0	38.9	29.3	23.5	17.8	14.2	11.9	10.3	8.42	7.05	3.80
1.80V/cell	172.5	131.7	108.7	90.9	68.8	51.0	42.8	31.9	25.4	19.2	15.2	12.8	11.1	8.99	7.51	4.00
1.75V/cell	185.4	139.5	113.8	94.4	71.3	52.7	44.0	32.7	26.1	19.6	15.6	13.0	11.3	9.14	7.61	4.05
1.70V/cell	197.5	146.8	118.9	98.4	73.8	54.2	45.4	33.6	26.8	20.1	15.9	13.3	11.5	9.28	7.72	4.10
1.67V/cell	204.2	151.0	123.0	100.5	75.2	55.2	46.1	34.1	27.1	20.3	16.1	13.4	11.6	9.36	7.78	4.12
1.60V/cell	219.5	160.0	128.3	105.4	78.5	57.4	47.9	35.3	28.0	20.9	16.5	13.8	11.9	9.56	7.92	4.19



# 常规系列 (General purpose) DJM1238(12V38Ah)



## 应用 Applications

- 通讯  
Telecommunications
- UPS、数据中心  
UPS、Data Center
- 储能、电力  
Energy Storage、Electric Systems
- 紧急照明、安防  
Emergency Lighting、Security
- 医疗、电子设备  
Medical、Electronic Equipment
- 动力  
Motive Power

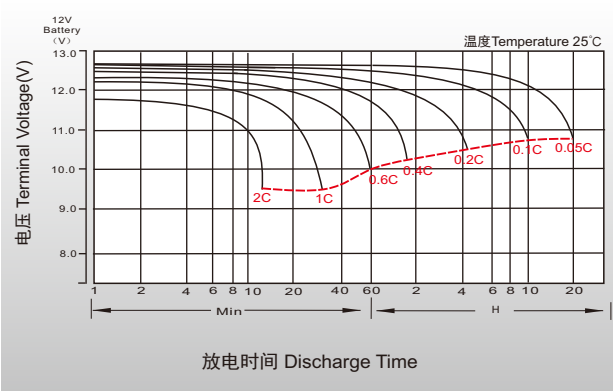
## 特征 General Features

- 25°C下，设计浮充寿命可达12年。  
Under 25°C, the designed floating life is up to 12 years.
- 特殊的排气结构和密封技术,使用安全可靠,安装灵活,维护便捷。  
Special exhaust structure and sealing technology, safe and reliable, flexible installation, convenient maintenance.

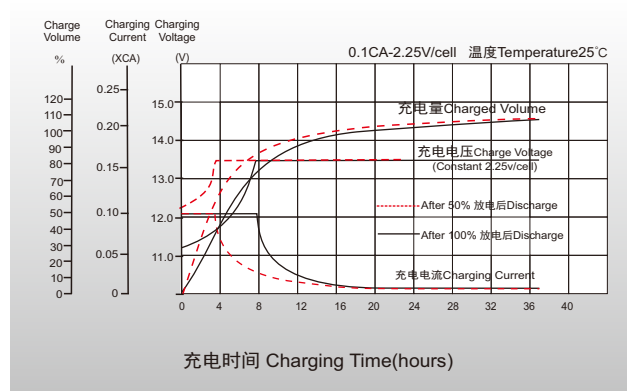
## 标准 Standards

- 符合IEC 60896, GB/T19638, YD/T 799和DL/T 637标准  
Compliance with IEC 60896,GB/T19638, YD/T 799 and DL/T 637 standards
- UL 认证, 泰尔认证, CE 认证  
UL Certified, TLC Certified, CE Certified
- 企业通过了IATF16949, ISO 45001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch@IATF16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities

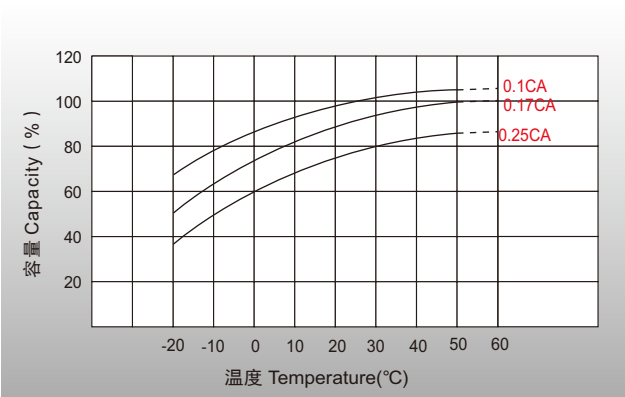
放电特性曲线 Discharge Characteristics



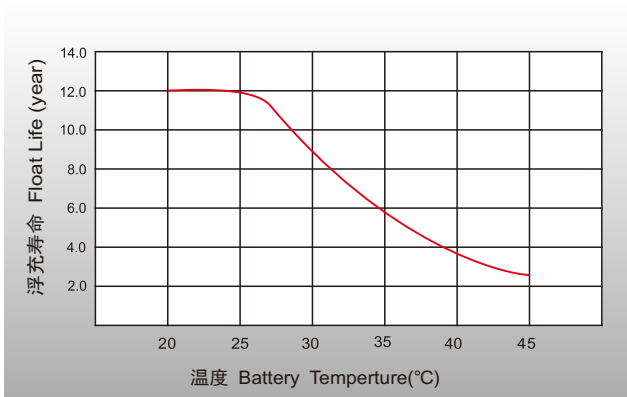
浮充特性曲线 Float Charging Characteristics



温度对容量影响 Temperature Effects in Relation to Battery Capacity



温度对浮充寿命影响 Temperature Effects on Long Term Float Life



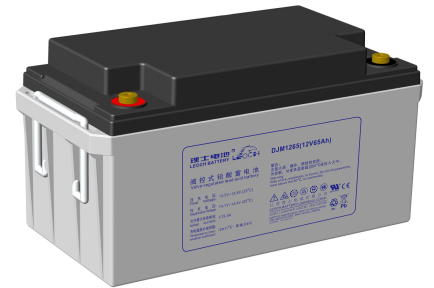


# 常规系列 (General purpose) DJM1265(12V65Ah)

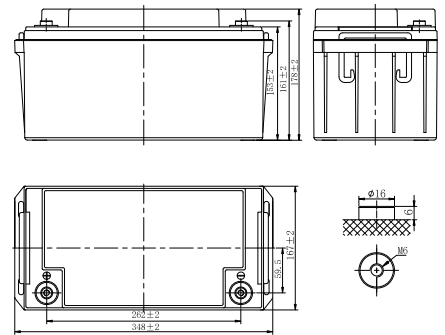


## 规格 Specifications

额定电压 Rated Voltage	12V		
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	65Ah		
尺寸 Dimension	长 Length	348±2mm (13.7 inches)	
	宽 Width	167±2mm (6.58 inches)	
	高 Container Height	178±2mm (7.00 inches)	
	总高(含端子) Total Height	178±2mm (7.00 inches)	
重量 Approx Weight	21.0kg (46.3 lbs)		
端子 Terminal	M6		
外壳材料 Container Material	ABS		
额定容量 Rated Capacity(25°C)	63.6 Ah	C20(3.18A, 1.80V/cell)	
	60.0 Ah	C10(6.00A, 1.80V/cell)	
	52.5 Ah	C5(10.5A, 1.75V/cell)	
	47.7 Ah	C3(15.9A, 1.75V/cell)	
	40.3 Ah	C1(40.3A, 1.60V/cell)	
5S最大放电电流 Max. Discharge Current	650A (5s)		
内阻 Internal Resistance(25°C)	Approx 7.3mΩ		
运行温度 Operating Temp. Range	放电 Discharge	-20 ~ 55°C (-4 ~ 131°F)	
	充电 Charge	-20 ~ 40°C (-4 ~ 104°F)	
	存储 Storage	-15 ~ 50°C (5 ~ 122°F)	
推荐温度 Nominal Operating Temp. Range	25±5°C (77±5°F)		
最大充电电流 Max. Charging Current(25°C)	19.5A		
充电电压 Charge voltage(25°C)	充电电压 Charge voltage	温度补偿 Temp. Coefficient	
	浮充 Float	2.23~2.27V/cell	-3mV/单格/°C
	均充 Equalization	2.35~2.40V/cell	-4mV/单格/°C
	循环 Cycle	2.40~2.50V/cell	-5mV/单格/°C
温度对容量影响 Effect of temp. to Capacity	40°C (104°F)	103%	
	25°C (77°F)	100%	
	0°C (32°F)	86%	
自放电 Self Discharge	≤3%/月 @ 25°C		



## 外形 Layout



## 恒流放电表(A)25°C Constant Current Discharge

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	135.3	101.0	84.1	70.7	54.3	40.5	34.2	25.7	20.6	15.5	12.4	10.3	8.96	7.29	6.09	3.27
1.80V/cell	157.7	119.1	97.8	81.4	61.4	45.3	37.9	28.1	22.4	16.8	13.3	11.1	9.61	7.80	6.50	3.45
1.75V/cell	172.1	127.7	103.5	85.5	64.2	47.2	39.3	29.0	23.1	17.2	13.7	11.4	9.82	7.94	6.60	3.49
1.70V/cell	186.4	136.2	109.4	89.9	67.0	49.0	40.7	30.0	23.8	17.7	14.0	11.6	10.0	8.08	6.70	3.53
1.67V/cell	194.6	141.2	112.8	92.5	68.7	50.1	41.6	30.6	24.2	18.0	14.2	11.8	10.2	8.17	6.76	3.56
1.60V/cell	214.5	152.8	120.9	98.5	72.6	52.7	43.6	31.9	25.2	18.7	14.7	12.1	10.4	8.36	6.91	3.62

## 恒功率放电表(W/cell) 25°C Constant Power Discharge

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	257.0	193.3	161.6	136.2	105.0	78.6	66.6	50.1	40.2	30.4	24.3	20.3	17.7	14.4	12.1	6.49
1.80V/cell	295.1	225.2	186.0	155.4	117.7	87.3	73.2	54.5	43.5	32.8	26.1	21.8	18.9	15.4	12.8	6.84
1.75V/cell	317.1	238.6	194.7	161.5	122.0	90.1	75.3	56.0	44.6	33.5	26.6	22.3	19.3	15.6	13.0	6.93
1.70V/cell	337.8	251.1	203.4	168.3	126.2	92.8	77.6	57.5	45.8	34.3	27.2	22.7	19.6	15.9	13.2	7.01
1.67V/cell	349.4	258.3	210.4	171.9	128.7	94.4	78.8	58.3	46.4	34.7	27.5	22.9	19.8	16.0	13.3	7.06
1.60V/cell	375.4	273.8	219.5	180.2	134.2	98.2	81.9	60.4	48.0	35.8	28.3	23.5	20.3	16.3	13.6	7.17



# 常规系列 (General purpose) DJM1265(12V65Ah)



## 应用 Applications

- 通讯  
Telecommunications
- UPS、数据中心  
UPS、Data Center
- 储能、电力  
Energy Storage、Electric Systems
- 紧急照明、安防  
Emergency Lighting、Security
- 医疗、电子设备  
Medical、Electronic Equipment
- 动力  
Motive Power

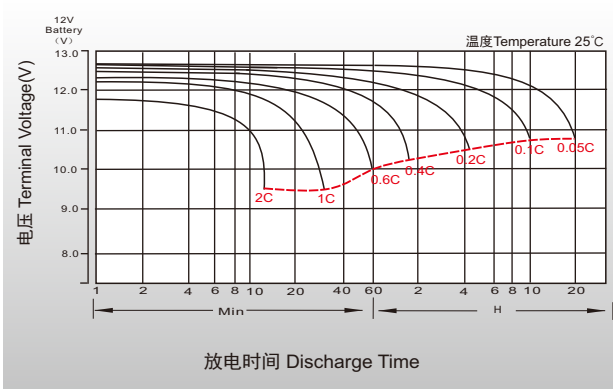
## 特征 General Features

- 25°C下，设计浮充寿命可达12年。  
Under 25°C, the designed floating life is up to 12 years.
- 特殊的排气结构和密封技术,使用安全可靠,安装灵活,维护便捷。  
Special exhaust structure and sealing technology, safe and reliable, flexible installation, convenient maintenance.

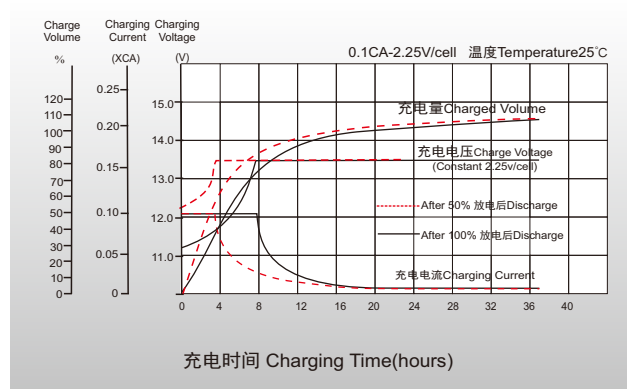
## 标准 Standards

- 符合IEC 60896, GB/T19638, YD/T 799和DL/T 637标准  
Compliance with IEC 60896,GB/T19638, YD/T 799 and DL/T 637 standards
- UL 认证, 泰尔认证, CE 认证  
UL Certified, TLC Certified, CE Certified
- 企业通过了IATF16949, ISO 45001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch@IATF16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities

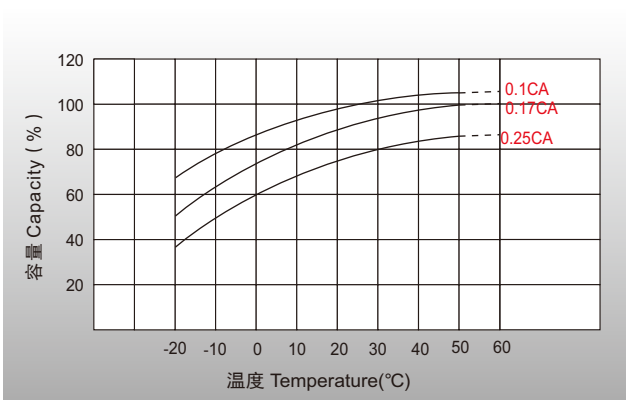
放电特性曲线 Discharge Characteristics



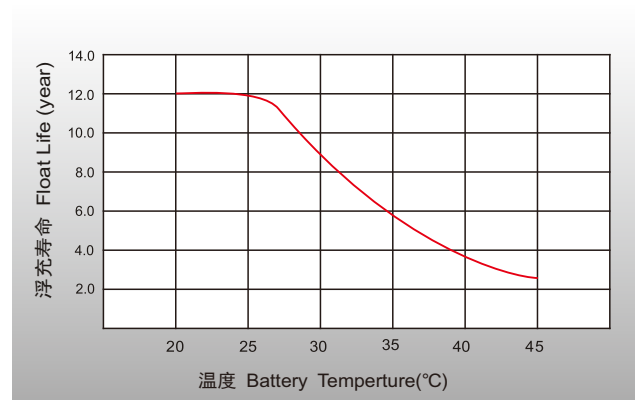
浮充特性曲线 Float Charging Characteristics



温度对容量影响 Temperature Effects in Relation to Battery Capacity



温度对浮充寿命影响 Temperature Effects on Long Term Float Life





# 常规系列 (General purpose) DJM12100(12V100Ah)

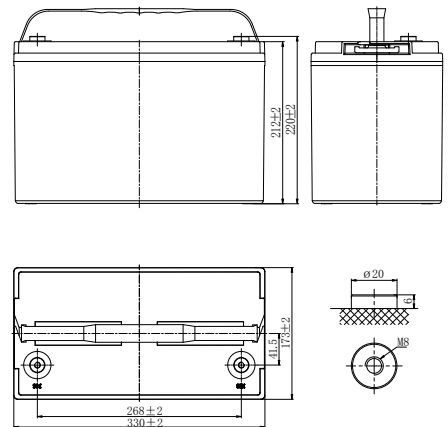


## 规格 Specifications

额定电压 Rated Voltage	12V		
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	100Ah		
尺寸 Dimension	长 Length	330±2mm (13.0 inches)	
	宽 Width	173±2mm (6.81 inches)	
	高 Container Height	212±2mm (8.35 inches)	
	总高(含端子) Total Height	220±2mm (8.66 inches)	
重量 Approx Weight	28.0kg (61.7 lbs)		
端子 Terminal	M8		
外壳材料 Container Material	ABS		
额定容量 Rated Capacity(25°C)	105.0 Ah	C20(5.25A, 1.80V/cell)	
	100.0 Ah	C10(10.0A, 1.80V/cell)	
	89.0 Ah	C5(17.8A, 1.75V/cell)	
	79.1 Ah	C3(25.7A, 1.75V/cell)	
	64.6 Ah	C1(64.6A, 1.60V/cell)	
5S最大放电电流 Max. Discharge Current	1000A (5s)		
内阻 Internal Resistance(25°C)	Approx 5.5mΩ		
运行温度 Operating Temp. Range	放电 Discharge	-20 ~ 55°C (-4 ~ 131°F)	
	充电 Charge	-20 ~ 40°C (-4 ~ 104°F)	
	存储 Storage	-15 ~ 50°C (5 ~ 122°F)	
推荐温度 Nominal Operating Temp. Range	25±5°C (77±5°F)		
最大充电电流 Max. Charging Current(25°C)	30A		
充电电压 Charge voltage(25°C)	充电电压 Charge voltage	温度补偿 Temp. Coefficient	
	浮充 Float	2.23~2.27V/cell	-3mV/单格/°C
	均充 Equalization	2.35~2.40V/cell	-4mV/单格/°C
	循环 Cycle	2.40~2.50V/cell	-5mV/单格/°C
温度对容量影响 Effect of temp. to Capacity	40°C (104°F)	103%	
	25°C (77°F)	100%	
	0°C (32°F)	86%	
自放电 Self Discharge	≤3%/月 @ 25°C		



## 外形 Layout



## 恒流放电表(A)25°C Constant Current Discharge

F.V/Time	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	152.8	119.2	82.5	67.5	52.5	35.5	29.9	23.8	19.4	16.6	15.0	11.7	9.39	4.93
1.80V/cell	170.3	132.8	92.0	73.8	55.6	37.5	31.5	25.0	20.3	17.2	15.5	12.0	10.0	5.25
1.75V/cell	177.7	138.6	96.0	77.5	59.0	39.7	33.0	25.7	21.1	17.8	15.9	12.2	10.2	5.36
1.70V/cell	179.9	140.3	97.2	79.5	61.7	41.5	34.2	26.5	21.6	18.1	16.2	12.4	10.3	5.41
1.67V/cell	182.7	142.5	98.7	81.3	63.9	42.9	35.2	27.3	22.1	18.4	16.5	12.6	10.4	5.46
1.60V/cell	185.5	144.7	100.2	82.4	64.6	44.0	35.8	27.8	22.4	18.7	16.7	12.7	10.5	5.51

## 恒功率放电表(W/cell) 25°C Constant Power Discharge

F.V/Time	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	280.1	218.5	151.3	117.9	84.4	64.3	52.9	40.4	33.2	30.4	26.9	20.0	16.7	8.79
1.80V/cell	312.2	243.5	168.6	129.7	90.7	69.3	57.1	43.3	35.1	32.2	28.4	20.7	17.0	8.94
1.75V/cell	325.8	254.1	175.9	135.7	95.4	72.3	59.3	44.6	36.3	33.2	29.1	21.0	17.2	9.04
1.70V/cell	329.9	257.3	178.1	138.9	99.7	74.8	60.9	45.8	37.2	33.9	29.6	21.1	17.4	9.14
1.67V/cell	335.0	261.3	180.9	142.5	104.1	77.5	62.6	47.2	38.2	34.3	30.0	21.3	17.6	9.24
1.60V/cell	340.0	265.2	183.6	145.9	108.2	79.9	63.9	48.1	38.7	34.7	30.4	21.7	17.9	9.40



# 常规系列 (General purpose) DJM12100(12V100Ah)



## 应用 Applications

- 通讯  
Telecommunications
- UPS、数据中心  
UPS、Data Center
- 储能、电力  
Energy Storage、Electric Systems
- 紧急照明、安防  
Emergency Lighting、Security
- 医疗、电子设备  
Medical、Electronic Equipment
- 动力  
Motive Power

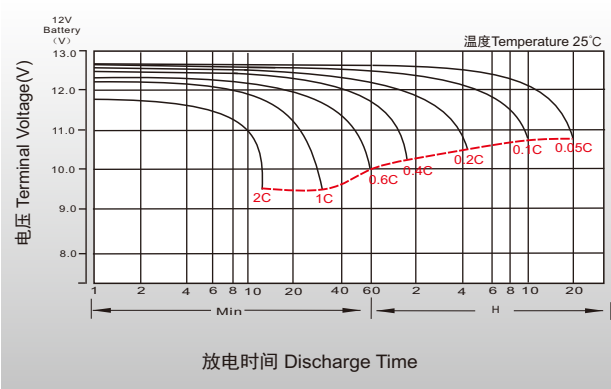
## 特征 General Features

- 25°C下，设计浮充寿命可达12年。  
Under 25°C, the designed floating life is up to 12 years.
- 特殊的排气结构和密封技术,使用安全可靠,安装灵活,维护便捷。  
Special exhaust structure and sealing technology, safe and reliable, flexible installation, convenient maintenance.

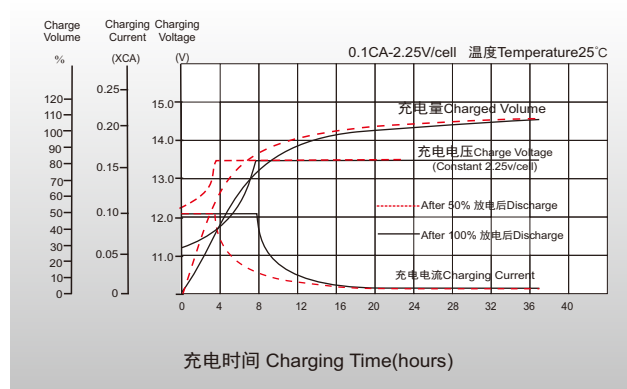
## 标准 Standards

- 符合IEC 60896, GB/T19638, YD/T 799和DL/T 637标准  
Compliance with IEC 60896,GB/T19638, YD/T 799 and DL/T 637 standards
- UL 认证, 泰尔认证, CE 认证  
UL Certified, TLC Certified, CE Certified
- 企业通过了IATF16949, ISO 45001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch@IATF16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities

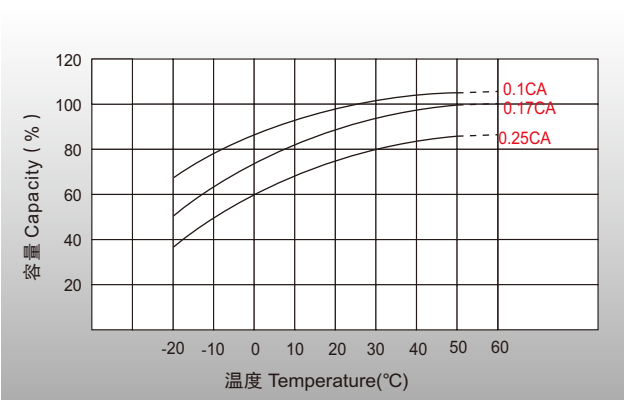
放电特性曲线 Discharge Characteristics



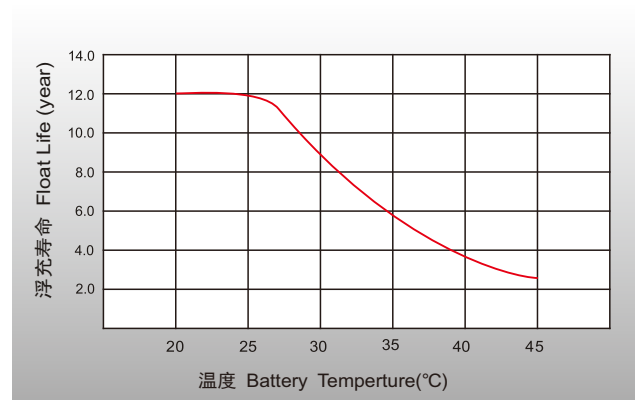
浮充特性曲线 Float Charging Characteristics



温度对容量影响 Temperature Effects in Relation to Battery Capacity



温度对浮充寿命影响 Temperature Effects on Long Term Float Life





# 前置端子系列(Front Terminal)

## FT12-40(12V40Ah)

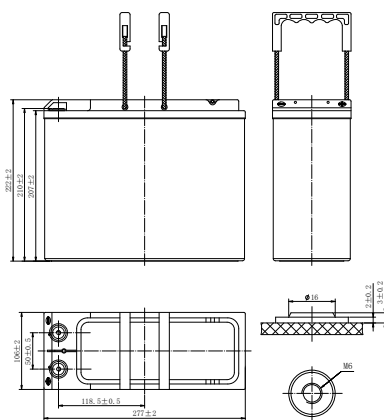


### 规格 Specifications

额定电压 Rated Voltage	12V		
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	40Ah		
尺寸 Dimension	长 Length	277±2mm (10.9 inches)	
	宽 Width	106±2mm (4.17 inches)	
	高 Container Height	222±2mm (8.74 inches)	
	总高(含端子) Total Height	222±2mm (8.74 inches)	
重量 Approx Weight	14.6kg (32.2 lbs)		
端子 Terminal	M6		
外壳材料 Container Material	ABS		
额定容量 Rated Capacity(25°C)	42.0 Ah	C20(2.10A, 1.80V/cell)	
	40.0 Ah	C10(4.00A, 1.80V/cell)	
	35.0 Ah	C5(7.00A, 1.75V/cell)	
	31.8 Ah	C3(10.6A, 1.75V/cell)	
	26.8 Ah	C1(26.8A, 1.60V/cell)	
5S最大放电电流 Max. Discharge Current	400A (5s)		
内阻 Internal Resistance(25°C)	Approx 9.0mΩ		
运行温度 Operating Temp. Range	放电 Discharge	-15 ~ 50°C ( 5 ~ 122°F)	
	充电 Charge	-20 ~ 40°C (-4 ~ 104°F)	
	存储 Storage	-15 ~ 40°C (5 ~ 104°F)	
推荐温度 Nominal Operating Temp. Range	25±5°C (77±5°F)		
最大充电电流 Max. Charging Current(25°C)	12A		
充电电压 Charge voltage(25°C)	浮充 Float	2.25±0.02V/cell	温度补偿 Temp. Coefficient -3mV/单格/°C
	均充 Equalization	2.35~2.40V/cell	-4mV/单格/°C
	循环 Cycle	2.45±0.05V/cell	-5mV/单格/°C
	40°C (104°F)		106%
温度对容量影响 Effect of temp. to Capacity	25°C (77°F)		100%
	0°C (32°F)		86%
	自放电 Self Discharge	≤3%/月 @ 25°C	



### 外形 Layout



### 恒流放电表(A)25°C Constant Current Discharge

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	83.3	62.1	51.8	43.5	33.4	24.9	21.1	15.8	12.7	9.54	7.60	6.35	5.52	4.48	3.75	2.01
1.80V/cell	97.0	73.3	60.2	50.1	37.8	27.9	23.3	17.3	13.8	10.3	8.20	6.84	5.92	4.80	4.00	2.10
1.75V/cell	105.9	78.6	63.7	52.6	39.5	29.0	24.2	17.9	14.2	10.6	8.40	7.00	6.04	4.89	4.06	2.15
1.70V/cell	114.7	83.8	67.3	55.3	41.2	30.1	25.1	18.5	14.6	10.9	8.61	7.16	6.17	4.97	4.13	2.17
1.67V/cell	119.8	86.9	69.4	56.9	42.3	30.8	25.6	18.8	14.9	11.1	8.73	7.25	6.24	5.03	4.16	2.19
1.60V/cell	132.0	94.0	74.4	60.6	44.7	32.4	26.8	19.7	15.5	11.5	9.02	7.47	6.42	5.14	4.25	2.23

### 恒功率放电表(W/cell) 25°C Constant Power Discharge

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	158.2	119.0	99.4	83.8	64.6	48.4	41.0	30.8	24.7	18.7	14.9	12.5	10.9	8.86	7.42	4.00
1.80V/cell	181.6	138.6	114.4	95.6	72.4	53.7	45.0	33.5	26.8	20.2	16.0	13.4	11.6	9.46	7.90	4.21
1.75V/cell	195.1	146.8	119.8	99.4	75.1	55.4	46.4	34.4	27.4	20.6	16.4	13.7	11.8	9.62	8.01	4.26
1.70V/cell	207.9	154.5	125.2	103.5	77.7	57.1	47.7	35.4	28.2	21.1	16.7	14.0	12.1	9.77	8.13	4.31
1.67V/cell	215.0	158.9	129.5	105.8	79.2	58.1	48.5	35.9	28.5	21.4	16.9	14.1	12.2	9.86	8.19	4.34
1.60V/cell	231.0	168.5	135.1	110.9	82.6	60.4	50.4	37.2	29.5	22.0	17.4	14.5	12.5	10.10	8.34	4.42



# 前置端子系列(Front Terminal)

## FT12-40(12V40Ah)



### 应用 Applications

- 电源系统  
Power system
- UPS
- 通信系统网络连接设备  
Network connection equipment of communication system
- 局域网专用电网系统  
Power system of special network of local area network
- 电站系统  
Power station systems

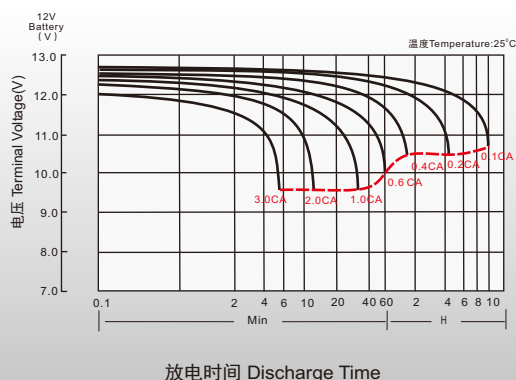
### 特征 General Features

- 适用于19英寸或23英寸电源柜  
Specifically ideal for 19 inches or 23 inches power cabinets
- 前置端子使电池安装、维护和监控简便  
Front terminals make the installation, maintenance and supervision easy
- 屏蔽设计保护端子避免短路，且外形美观  
Shield designs protect terminals from short circuit and show good appearance
- 独特的安全阀设计：减少失水，防止空气/火花进入  
Unique vent valve design: reduce water losing and prevent air/spark going inside

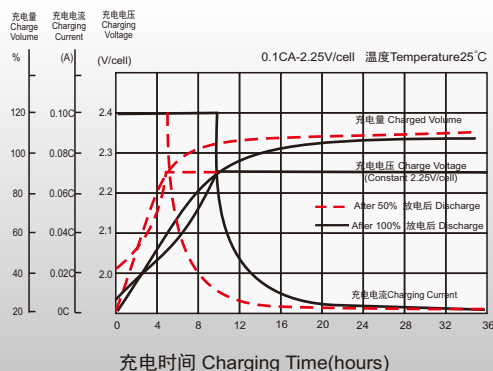
### 标准 Standards

- 符合IEC 60896，YD/T 2343标准  
Compliance with IEC 60896 and YD/T 2343 standards
- UL 认证，泰尔认证，CE 认证  
UL Certified, TLC Certified, CE Certified
- 企业通过了IATF16949, ISO 45001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch®/IATF 16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities

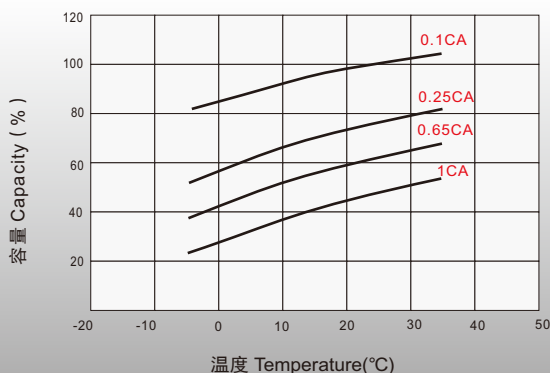
### 放电特性曲线 Discharge Characteristics



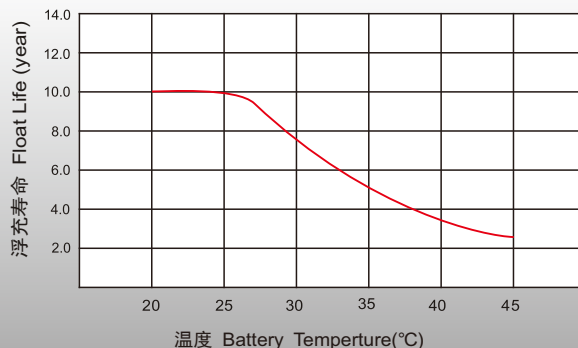
### 浮充特性曲线 Float Charging Characteristics



### 温度对容量影响 Temperature Effects in Relation to Battery Capacity



### 温度对浮充寿命影响 Temperature Effects on Long Term Float Life







# 前置端子系列(Front Terminal)

## FT12-100(12V100Ah)

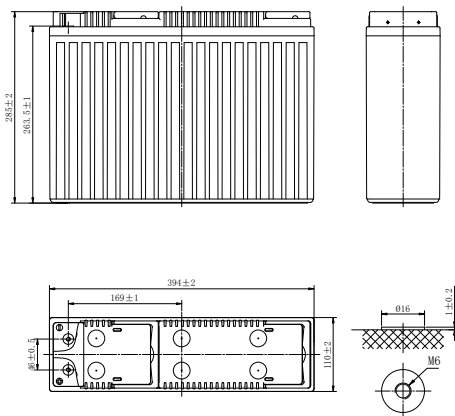


### 规格 Specifications

额定电压 Rated Voltage	12V		
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	100Ah		
尺寸 Dimension	长 Length	394±2mm (15.5 inches)	
	宽 Width	110±2mm (4.33 inches)	
	高 Container Height	285±2mm (11.2 inches)	
	总高(含端子) Total Height	285±2mm (11.2 inches)	
重量 Approx Weight	30.5kg (67.2 lbs)		
端子 Terminal	M6		
外壳材料 Container Material	ABS		
额定容量 Rated Capacity(25°C)	105.4 Ah	C20(5.27A, 1.80V/cell)	
	100.0 Ah	C10(10.0A, 1.80V/cell)	
	96.8 Ah	C5(12.1A, 1.75V/cell)	
	86.5 Ah	C3(17.3A, 1.75V/cell)	
	66.4 Ah	C1(66.4A, 1.60V/cell)	
5S最大放电电流 Max. Discharge Current	1000A (5s)		
内阻 Internal Resistance(25°C)	Approx 5.5mΩ		
运行温度 Operating Temp. Range	放电 Discharge	-15 ~ 50°C ( 5 ~ 122°F)	
	充电 Charge	-20 ~ 40°C (-4 ~ 104°F)	
	存储 Storage	-15 ~ 40°C (5 ~ 104°F)	
推荐温度 Nominal Operating Temp. Range	25±5°C (77±5°F)		
最大充电电流 Max. Charging Current(25°C)	30A		
充电电压 Charge voltage(25°C)	浮充 Float	2.25±0.02V/cell	温度补偿 Temp. Coefficient -3mV/单格/°C
	均充 Equalization	2.35~2.40V/cell	-4mV/单格/°C
	循环 Cycle	2.45±0.05V/cell	-5mV/单格/°C
	40°C (104°F)		106%
温度对容量影响 Effect of temp. to Capacity	25°C (77°F)		100%
	0°C (32°F)		86%
自放电 Self Discharge	≤3%/月 @ 25°C		



### 外形 Layout



### 恒流放电表(A)25°C Constant Current Discharge

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	151.7	128.1	117.9	82.7	74.2	52.2	31.3	23.6	18.8	15.7	13.5	11.1	9.32	4.91
1.80V/cell	172.3	149.0	129.0	93.6	78.6	57.7	34.1	25.6	20.3	16.9	14.3	11.9	10.0	5.27
1.75V/cell	189.8	157.6	137.1	97.8	81.6	59.9	35.1	26.2	20.8	17.3	14.4	12.1	10.1	5.29
1.70V/cell	204.3	166.6	144.4	102.1	83.9	62.1	36.2	27.0	21.3	17.7	14.7	12.3	10.2	5.38
1.67V/cell	213.3	171.8	149.4	104.7	85.7	63.4	36.8	27.4	21.6	17.9	14.8	12.4	10.4	5.48
1.60V/cell	221.8	184.1	153.2	110.6	87.0	66.4	38.4	28.4	22.3	18.5	14.9	12.7	10.6	5.58

### 恒功率放电表(W/cell) 25°C Constant Power Discharge

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	288.9	246.1	228.0	159.9	145.6	101.4	61.2	46.3	37.0	31.0	27.2	21.9	18.4	9.89
1.80V/cell	325.8	283.2	248.0	179.3	153.4	111.5	66.3	49.9	39.7	33.2	28.5	23.4	19.6	10.4
1.75V/cell	356.2	296.5	262.2	185.8	158.8	114.8	67.9	51.0	40.6	33.9	28.8	23.8	19.8	10.5
1.70V/cell	378.6	309.8	273.3	192.2	162.0	118.2	69.7	52.3	41.4	34.6	29.2	24.2	20.1	10.7
1.67V/cell	389.0	317.8	279.2	196.0	163.9	120.0	70.6	52.9	41.9	34.9	29.5	24.4	20.3	10.7
1.60V/cell	396.0	334.3	282.3	204.5	164.7	124.7	73.0	54.5	43.1	35.8	29.8	24.9	20.6	10.9



# 前置端子系列(Front Terminal)

## FT12-100(12V100Ah)



### 应用 Applications

- 电源系统  
Power system
- UPS
- 通信系统网络连接设备  
Network connection equipment of communication system
- 局域网专用电网系统  
Power system of special network of local area network
- 电站系统  
Power station systems

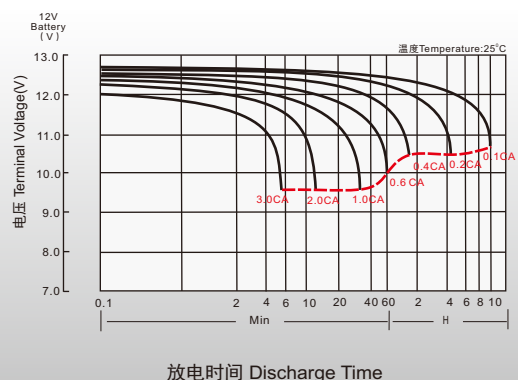
### 特征 General Features

- 适用于19英寸或23英寸电源柜  
Specifically ideal for 19 inches or 23 inches power cabinets
- 前置端子使电池安装、维护和监控简便  
Front terminals make the installation, maintenance and supervision easy
- 屏蔽设计保护端子避免短路，且外形美观  
Shield designs protect terminals from short circuit and show good appearance
- 独特的安全阀设计：减少失水，防止空气/火花进入  
Unique vent valve design: reduce water losing and prevent air/spark going inside

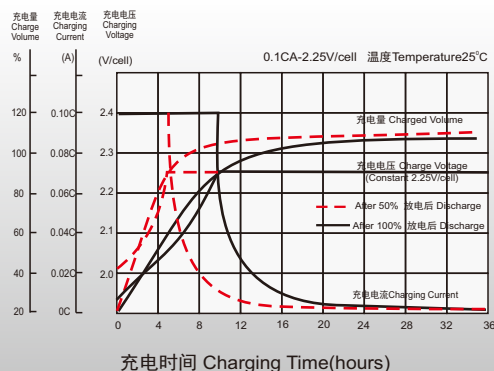
### 标准 Standards

- 符合IEC 60896，YD/T 2343标准  
Compliance with IEC 60896 and YD/T 2343 standards
- UL 认证，泰尔认证，CE 认证  
UL Certified, TLC Certified, CE Certified
- 企业通过了IATF16949, ISO 45001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch®/IATF 16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities

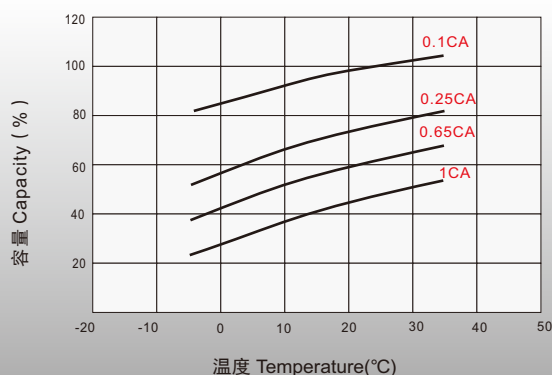
### 放电特性曲线 Discharge Characteristics



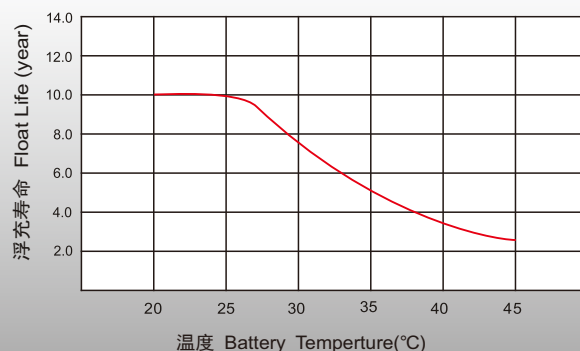
### 浮充特性曲线 Float Charging Characteristics



### 温度对容量影响 Temperature Effects in Relation to Battery Capacity



### 温度对浮充寿命影响 Temperature Effects on Long Term Float Life





# 前置端子系列(Front Terminal)

## FT12-150(12V150Ah)

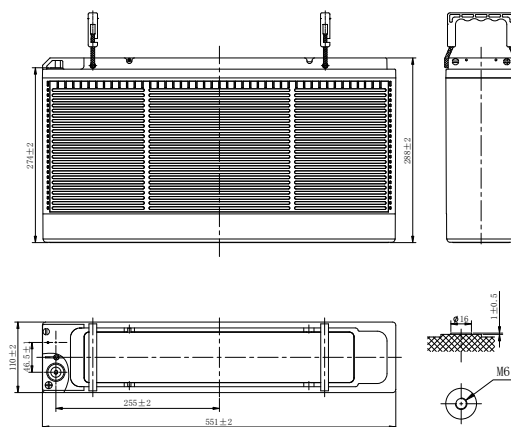


### 规格 Specifications

额定电压 Rated Voltage	12V		
标称容量 Nominal Capacity(C <sub>10</sub> , 1.80V/cell)	150Ah		
尺寸 Dimension	长 Length	551±2mm (21.7 inches)	
	宽 Width	110±2mm (4.33 inches)	
	高 Container Height	288±2mm (11.3 inches)	
	总高(含端子) Total Height	288±2mm (11.3 inches)	
重量 Approx Weight	44.2kg (97.4 lbs)		
端子 Terminal	M6		
外壳材料 Container Material	ABS		
额定容量 Rated Capacity(25°C)	159.0 Ah	C20(7.95A, 1.80V/cell)	
	150.0 Ah	C10(15.0A, 1.80V/cell)	
	131.5 Ah	C5(26.3A, 1.75V/cell)	
	119.4 Ah	C3(39.8A, 1.75V/cell)	
	100.7 Ah	C1(100.7A, 1.60V/cell)	
5S最大放电电流 Max. Discharge Current	1500A (5s)		
内阻 Internal Resistance(25°C)	Approx 4.3mΩ		
运行温度 Operating Temp. Range	放电 Discharge	-15 ~ 50°C ( 5 ~ 122°F)	
	充电 Charge	-20 ~ 40°C (-4 ~ 104°F)	
	存储 Storage	-15 ~ 40°C (5 ~ 104°F)	
推荐温度 Nominal Operating Temp. Range	25±5°C (77±5°F)		
最大充电电流 Max. Charging Current(25°C)	45A		
充电电压 Charge voltage(25°C)	浮充 Float	2.25±0.02V/cell	温度补偿 Temp. Coefficient -3mV/单格/°C
	均充 Equalization	2.35~2.40V/cell	-4mV/单格/°C
	循环 Cycle	2.45±0.05V/cell	-5mV/单格/°C
	40°C (104°F)		106%
温度对容量影响 Effect of temp. to Capacity	25°C (77°F)		100%
	0°C (32°F)		86%
自放电 Self Discharge	≤3%/月 @ 25°C		



### 外形 Layout



### 恒流放电表(A)25°C Constant Current Discharge

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	312.2	233.0	194.1	163.1	125.4	93.6	79.0	59.3	47.4	35.8	28.5	23.8	20.7	16.8	14.1	7.53
1.80V/cell	363.9	274.8	225.7	188.0	141.7	104.6	87.5	64.9	51.6	38.7	30.7	25.7	22.2	18.0	15.0	7.95
1.75V/cell	397.1	294.7	238.8	197.2	148.1	108.9	90.7	67.0	53.2	39.8	31.5	26.3	22.7	18.3	15.2	8.05
1.70V/cell	430.1	314.3	252.4	207.5	154.7	113.0	94.0	69.3	54.9	40.9	32.3	26.8	23.1	18.7	15.5	8.15
1.67V/cell	449.1	325.8	260.3	213.4	158.6	115.5	96.0	70.6	55.8	41.5	32.7	27.2	23.4	18.8	15.6	8.21
1.60V/cell	495.0	352.5	279.0	227.3	167.6	121.5	100.7	73.7	58.1	43.1	33.8	28.0	24.1	19.3	15.9	8.36

### 恒功率放电表(W/cell) 25°C Constant Power Discharge

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	593.2	446.1	372.9	314.3	242.3	181.4	153.6	115.6	92.7	70.2	56.0	46.9	40.8	33.2	27.8	15.0
1.80V/cell	681.0	519.7	429.1	358.7	271.7	201.4	168.9	125.7	100.4	75.6	60.2	50.4	43.6	35.5	29.6	15.8
1.75V/cell	731.8	550.5	449.2	372.7	281.5	207.9	173.9	129.2	102.9	77.3	61.5	51.4	44.4	36.1	30.1	16.0
1.70V/cell	779.7	579.4	469.4	388.3	291.3	214.1	179.0	132.7	105.6	79.2	62.8	52.4	45.3	36.6	30.5	16.2
1.67V/cell	806.2	596.0	485.5	396.8	297.0	217.8	181.9	134.6	107.0	80.1	63.5	52.9	45.7	37.0	30.7	16.3
1.60V/cell	866.3	631.8	506.5	415.9	309.8	226.7	188.9	139.5	110.7	82.6	65.3	54.3	46.8	37.7	31.3	16.6



# 前置端子系列(Front Terminal)

## FT12-150(12V150Ah)



### 应用 Applications

- 电源系统  
Power system
- UPS
- 通信系统网络连接设备  
Network connection equipment of communication system
- 局域网专用电网系统  
Power system of special network of local area network
- 电站系统  
Power station systems

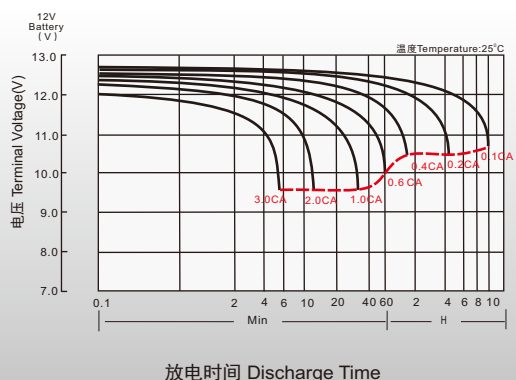
### 特征 General Features

- 适用于19英寸或23英寸电源柜  
Specifically ideal for 19 inches or 23 inches power cabinets
- 前置端子使电池安装、维护和监控简便  
Front terminals make the installation, maintenance and supervision easy
- 屏蔽设计保护端子避免短路，且外形美观  
Shield designs protect terminals from short circuit and show good appearance
- 独特的安全阀设计：减少失水，防止空气/火花进入  
Unique vent valve design: reduce water losing and prevent air/spark going inside

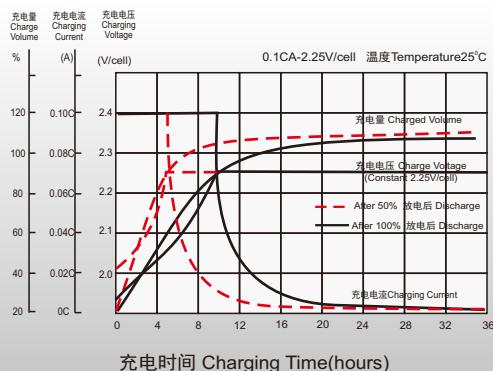
### 标准 Standards

- 符合IEC 60896，YD/T 2343标准  
Compliance with IEC 60896 and YD/T 2343 standards
- UL 认证，泰尔认证，CE 认证  
UL Certified, TLC Certified, CE Certified
- 企业通过了IATF16949, ISO 45001, ISO 9001和ISO 14001体系认证  
Manufactured in Leoch®/IATF 16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities

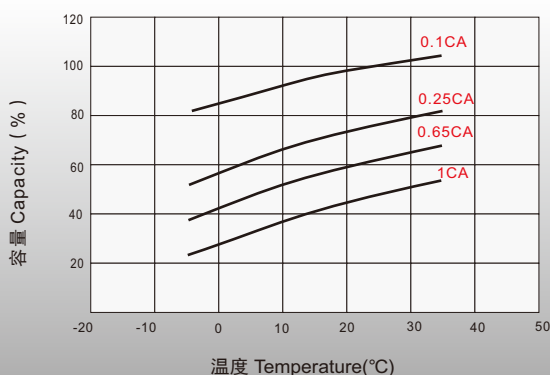
### 放电特性曲线 Discharge Characteristics



### 浮充特性曲线 Float Charging Characteristics



### 温度对容量影响 Temperature Effects in Relation to Battery Capacity



### 温度对浮充寿命影响 Temperature Effects on Long Term Float Life

